

# QuantStudio™ Digital PCR Plates

## 10 Pack and 4 Pack

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| Part number | Item  | Contents   | Description                                     |
|-------------|---|--|---|
| 4470184     | QuantStudio™ Digital PCR Plates (10 Plates) | 4470197<br>4458080<br>4469576  | 10 Plates<br>5 mL Master Mix<br>Accessories Kit |
| 4470185     | QuantStudio™ Digital PCR Plates (4 Plates)  | 4470196<br>4458086<br><b>Note:</b> QuantStudio™ 12K Flex OpenArray® Accessories Kit (Part no. 4469576) must be purchased separately. | 4 Plates<br>1.5 mL Master Mix                   |

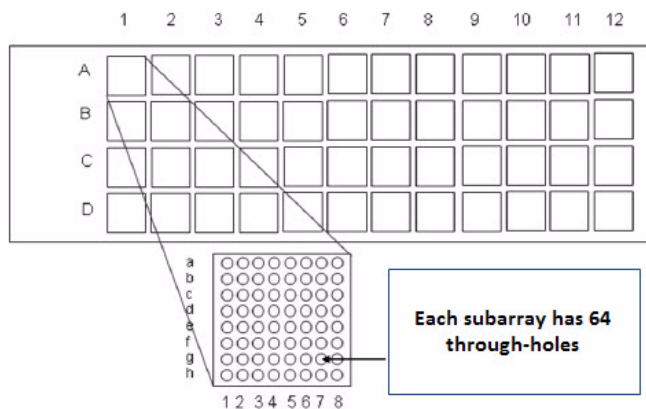
**Note:** Upon receipt, store the frozen, unopened plates at -20°C.

**Note:** For safety and biohazard guidelines, refer to the "Safety" section in the *Applied Biosystems QuantStudio™ 12K Flex Real-Time PCR System Maintenance and Administration Guide* (Part no. 4470689). For every chemical, read the Safety Data Sheet (SDS) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves.

## Consumable characteristics

The QuantStudio™ Digital PCR Plate is a 63-mm x 19-mm mid-density reaction plate. There are 3,072 reaction through-holes in the plate; individual through-holes can accommodate a 33-nL reaction volume.

As shown below, each plate is divided into 48 subarrays, where each subarray consists of 64 through-holes. Hydrophilic and hydrophobic coatings allow reagents to be held within the through-holes.



## Loading procedure

For instructions on sample preparation and loading, refer to the *Applied Biosystems QuantStudio™ 12K Flex Real-Time PCR System: OpenArray® Digital PCR Experiments User Guide* (Part no. 4471926).



**For Research Use Only. Not intended for any animal or human therapeutic or diagnostic use.**

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